Attorney's Docket No.: 07334-340001 / MPI99-258CP2

Applicant: John Bertin Serial No.: 09/996,617

Filed: November 27, 2001

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

- 1. (Currently Amended) A method for identifying a compound which modulates the interaction between CARD-7 and <u>CARD-5</u> a <u>CARD-7 ligand</u>, the method comprising:
- a) contacting, in the presence of a test compound, a first polypeptide comprising amino acids 1335-1429 of SEQ ID NO:2 with a second polypeptide comprising (i) amino acids 111-181 of SEQ ID NO:8, or (ii) amino acids 1335-1429 of SEQ ID NO:2;
- b) measuring the binding of the first polypeptide to the second polypeptide in the presence of the test compound; and
- c) identifying the test compound as a compound which modulates the interaction between CARD-7 and <u>CARD-5</u> a <u>CARD-7 ligand</u> when the binding of the first polypeptide to the second polypeptide is increased or decreased in the presence of the test compound compared the binding of the first polypeptide to the second polypeptide in the absence of the test compound.
- 2. (Previously Presented) The method of claim 1 wherein the first polypeptide is immobilized on a solid support.
- 3. (Previously Presented) The method of claim 1 wherein the second polypeptide is immobilized on a solid support.
 - 4. (Original) The method of claim 1 wherein the test compound is a peptide.

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5. (Original) The method of claim 1 wherein the test compound is a peptide analog.

- 6. (Previously Presented) The method of claim 2 wherein the first polypeptide is immobilized by binding to an antibody that is bound to the solid support.
- 7. (Previously Presented) The method of claim 3 wherein the second polypeptide is immobilized by binding to an antibody that is bound to the solid support.
- 8. (Previously Presented) The method of claim 1 wherein the first polypeptide is detectably labeled.
- 9. (Previously Presented) The method of claim 1 wherein the second polypeptide is detectably labeled.
- 10. (Previously Presented) The method of claim 1 further comprising measuring the binding of the first polypeptide to the second polypeptide in the absence of the test compound.
- 11. (Currently Amended) The method of claim 1 wherein the step of contacting the first polypeptide to the second polypeptide in the presence of a test compound takes place in the presence of a competitor compound that modulates the interaction between CARD-7 and CARD-5 a CARD-7 ligand.

12-13. (Canceled)

14. (Previously Presented) The method of claim 1, wherein the first polypeptide comprises the amino acid sequence of SEQ ID NO:2.

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15-17. (Canceled)

18. (Previously Presented) The method of claim 17, wherein the second polypeptide comprises the amino acid sequence of SEQ ID NO:8.

19. (Previously Presented) The method of claim 1, wherein the first polypeptide is a fusion protein.

20-22. (Canceled)